

ABSTRACT

Image data storage areas of a plurality of pages are allocated for each of a plurality of display planes capable of superimposed display, and display output processing is performed while switching between the image data storage areas is being performed for each display plane. In such a display system, versatile switching between image data storage areas is enabled without heavily loading a central processing unit. Attribute bits of a TRAP command indicating the termination of drawing of one display plane are provided with display switching enable bits indicating whether to perform switching between image data storage areas for each display plane. For display planes corresponding to the display switching enable bits of "1", switching to an image data storage area from which image data is read is performed at timing synchronous with a next vertical synchronous signal.